



INTERNATIONAL SEARCH REPORT

Intermional Application No PCT/ZA 03/00176

A. CLASSIF	REATION OF SUBJECT MATTER B60J3/02		
According to	International Patent Classification (IPC) or to both national classification	ation and IPC	
B. FIELDS		on gambole)	
IPC 7	cumentation searched (classification system followed by classification $B60J$	n synwosy	
Do	on searched other than minimum documentation to the extent that s	uch documents are included in the fields se	arched
Documentan	ion searched other data minimum of execution and the execution		
Electronic da	ata base consulted during the international search (name of data ba	se and, where practical, search terms used)	
EPO-In	ternal, WPI Data, PAJ		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category •	Citation of document, with indication, where appropriate, of the re-	evant passages	Relevant to claim No.
Х	US 4 090 732 A (VISTITSKY ANATOL 23 May 1978 (1978-05-23) abstract; figures 1-3	I)	1-3,5-7
X	GB 726 762 A (FORD MOTOR CO) 23 March 1955 (1955-03-23) the whole document		1-3,5
х	GB 445 793 A (WILLIAM HENRY BISH 20 April 1936 (1936-04-20) page 2, column 43 - column 70; f		1,3,5,7
x	GB 530 089 A (JOHN HERMANN GUSTA HORSTMANN) 4 December 1940 (1940 page 1, line 65 - page 2, line 1 page 3, line 67 - page 4, line 2 1-5	-12-04) 1	1-5,7
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}			
X Fur	ther documents are listed in the continuation of box C.	Patent family members are listed	In annex.
° Special c	alegories of cited documents :	"T" later document published after the Int	ernational filing date
consi	nent defining the general state of the art which is not idered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the invention	eory underlying the
filing		"X" document of particular relevance; the cannot be considered novel or canno involve an inventive step when the d	t be considered to
which citation	nent which may throw doubts on priority claim(s) or his cited to establish the publication date of another on or other special reason (as specified)	 "Y" document of particular relevance; the cannot be considered to involve an in 	claimed invention eventive step when the
other	nent referring to an oral disclosure, use, exhibition or r means nent published prior to the international filing date but	document is combined with one or ments, such combination being obvious in the art.	ous to a person skilled
later	than the priority date claimed	*&* document member of the same paten Date of mailing of the international se	
	e actual completion of the international search	07/05/2004	
	26 April 2004		_
Name and	i mailing address of the ISA European Patent Office, P.B. 5818 Palentiaan 2	Authorized officer	
	NL - 2280 HV Riiswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax (431-70) 340-3016	Schmid, K	

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C.(Continua	ition) DOCUMENTS CONSIDERED TO BE RELEVANT			
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Х	US 4 486 819 A (MARCUS KONRAD H ET AL) 4 December 1984 (1984-12-04) abstract; figures 1-3	1-3		
X	US 2 596 873 A (SOLMES WILLIAM P) 13 May 1952 (1952-05-13) column 2, line 14 - column 4, line 52; figures 1-4	1-3		
Х	GB 882 499 A (CHARLES CECIL DAVIES STEELE) 15 November 1961 (1961-11-15) the whole document	1-3		
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Information on patent family members

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